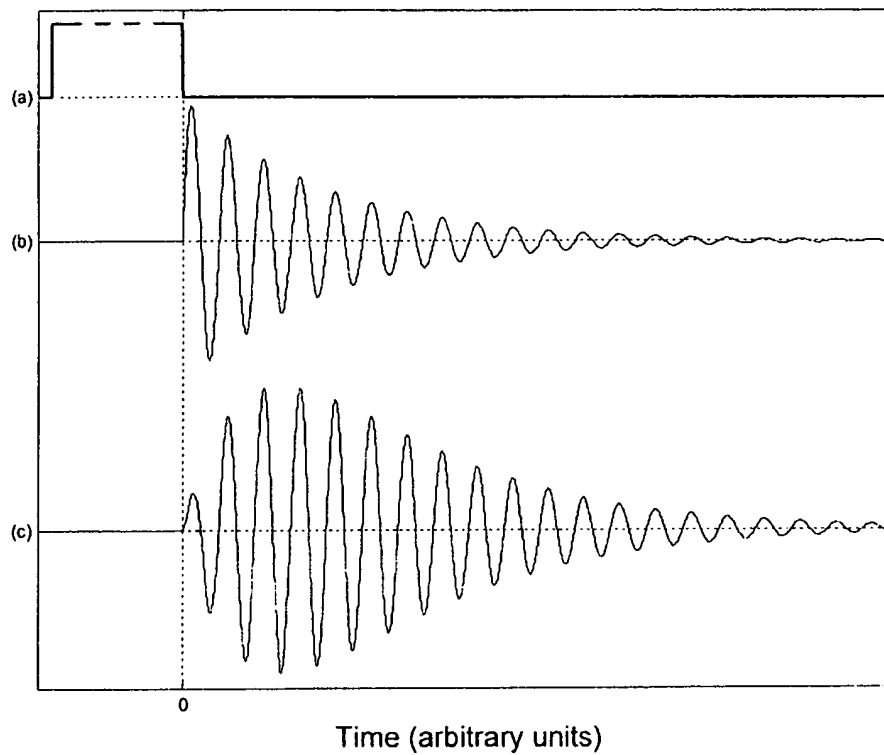
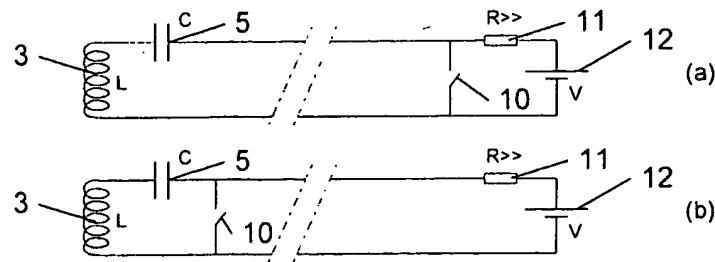
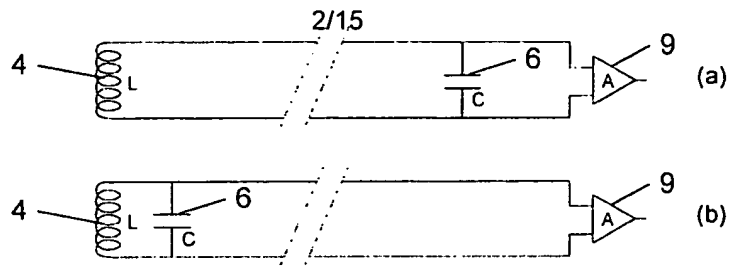
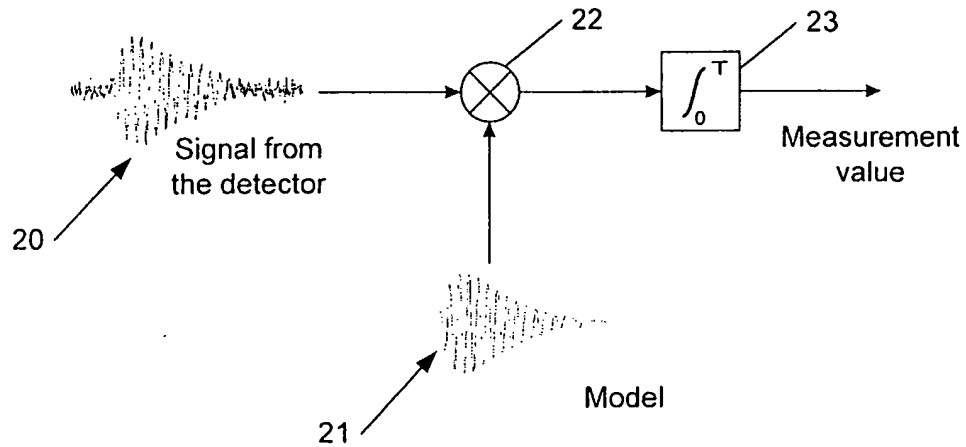
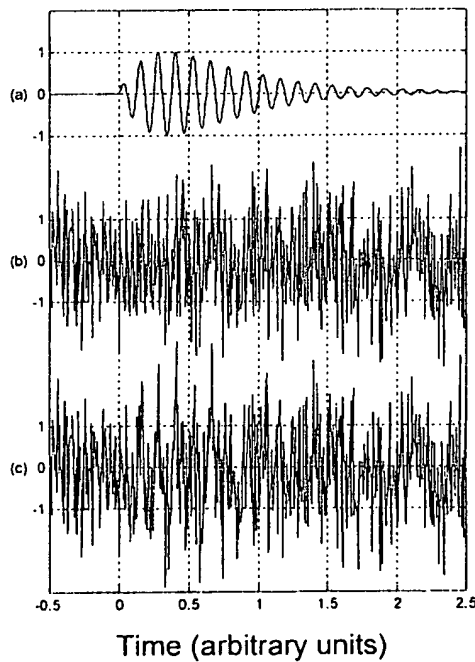
**Fig. 1****Fig. 2****Fig. 3**



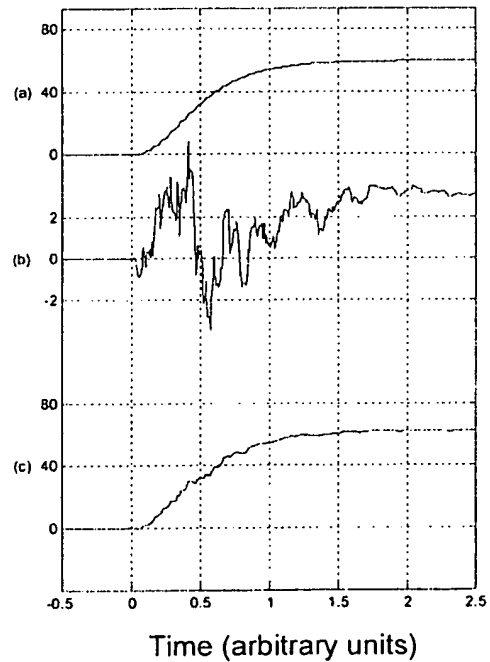
**Fig. 4**



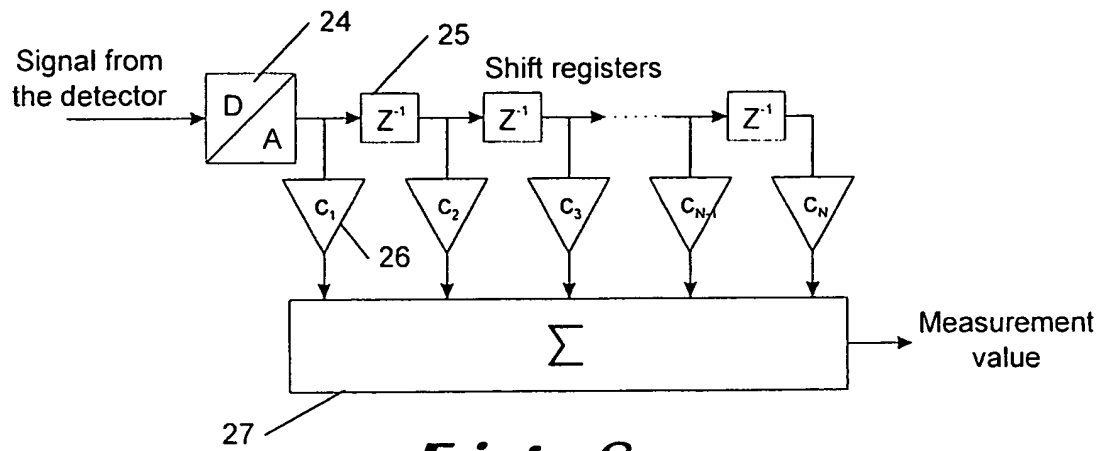
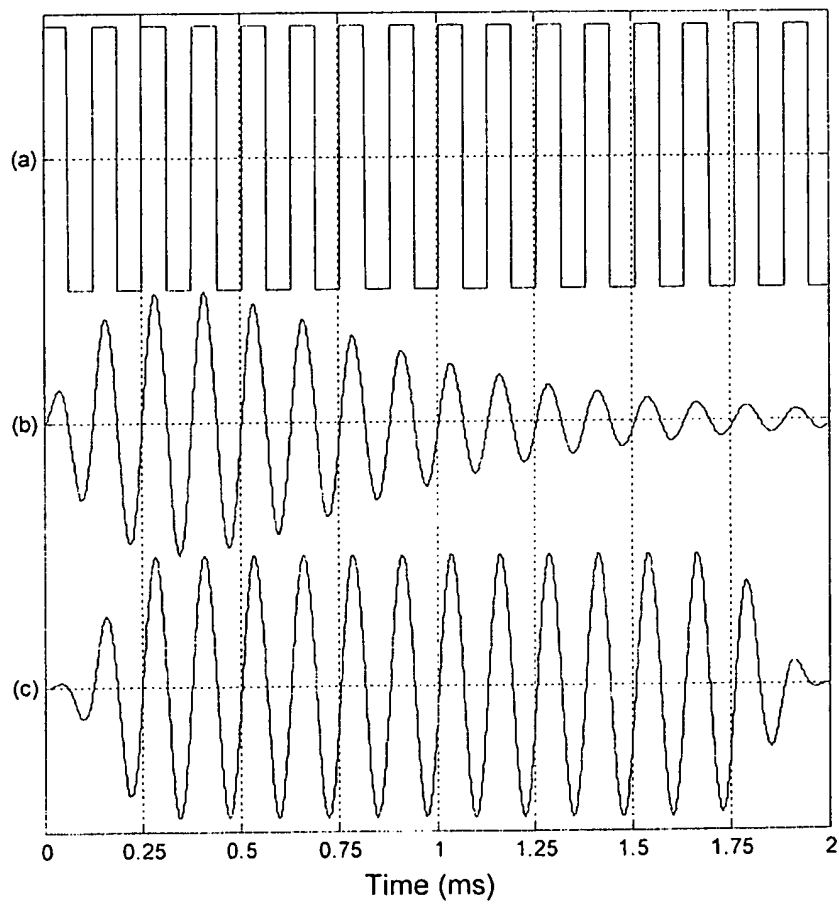
**Fig. 5**

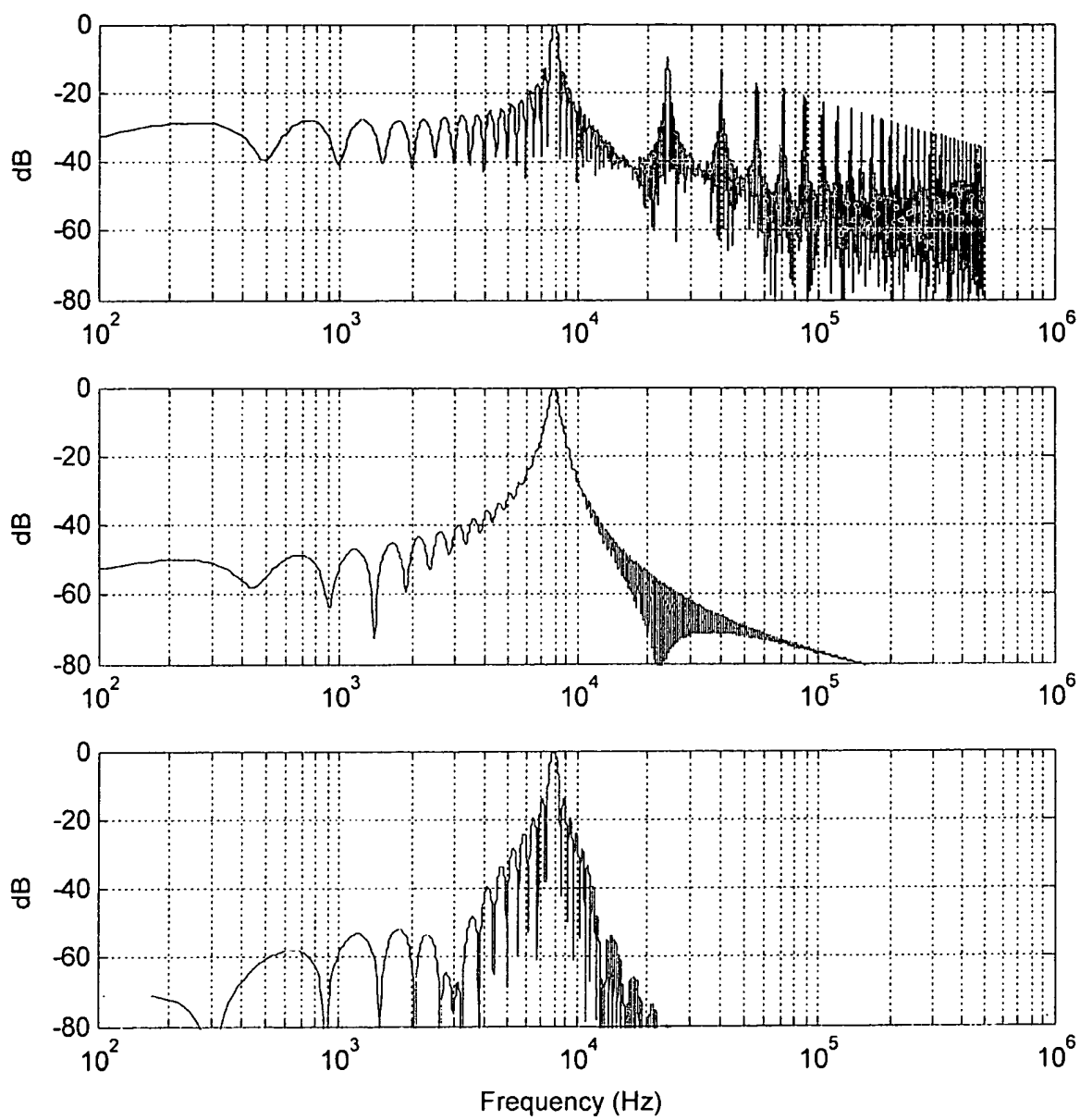


**Fig. 6**

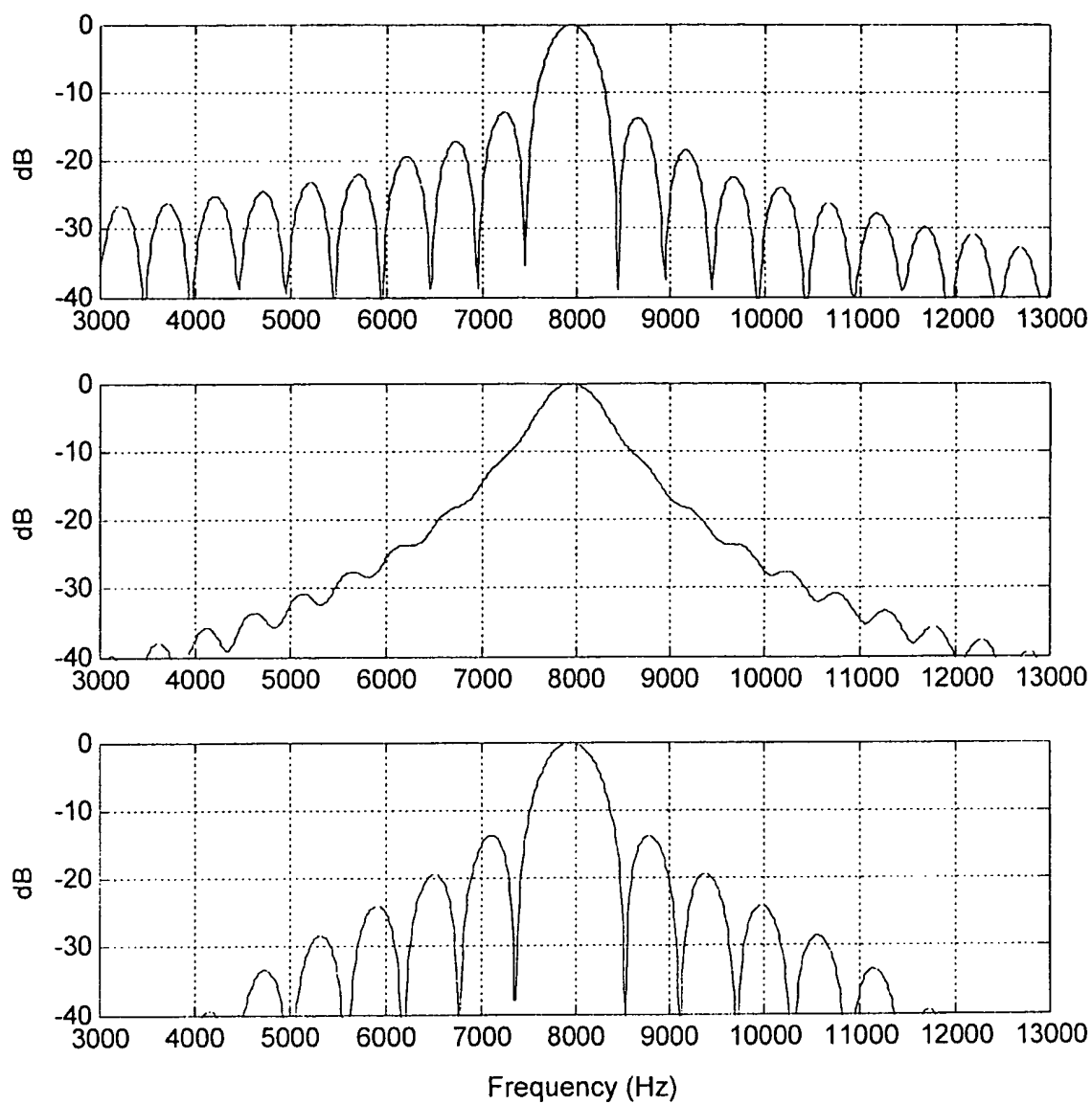


**Fig. 7**

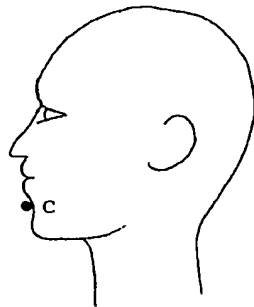
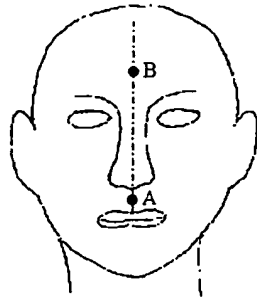
**Fig. 8****Fig. 9**

***Fig. 10***

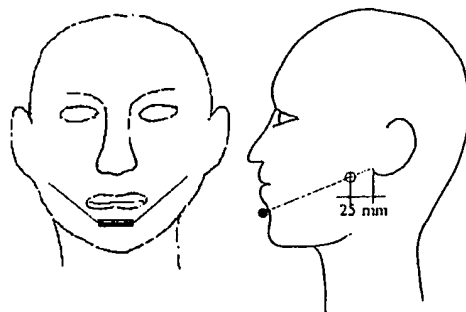
5/15



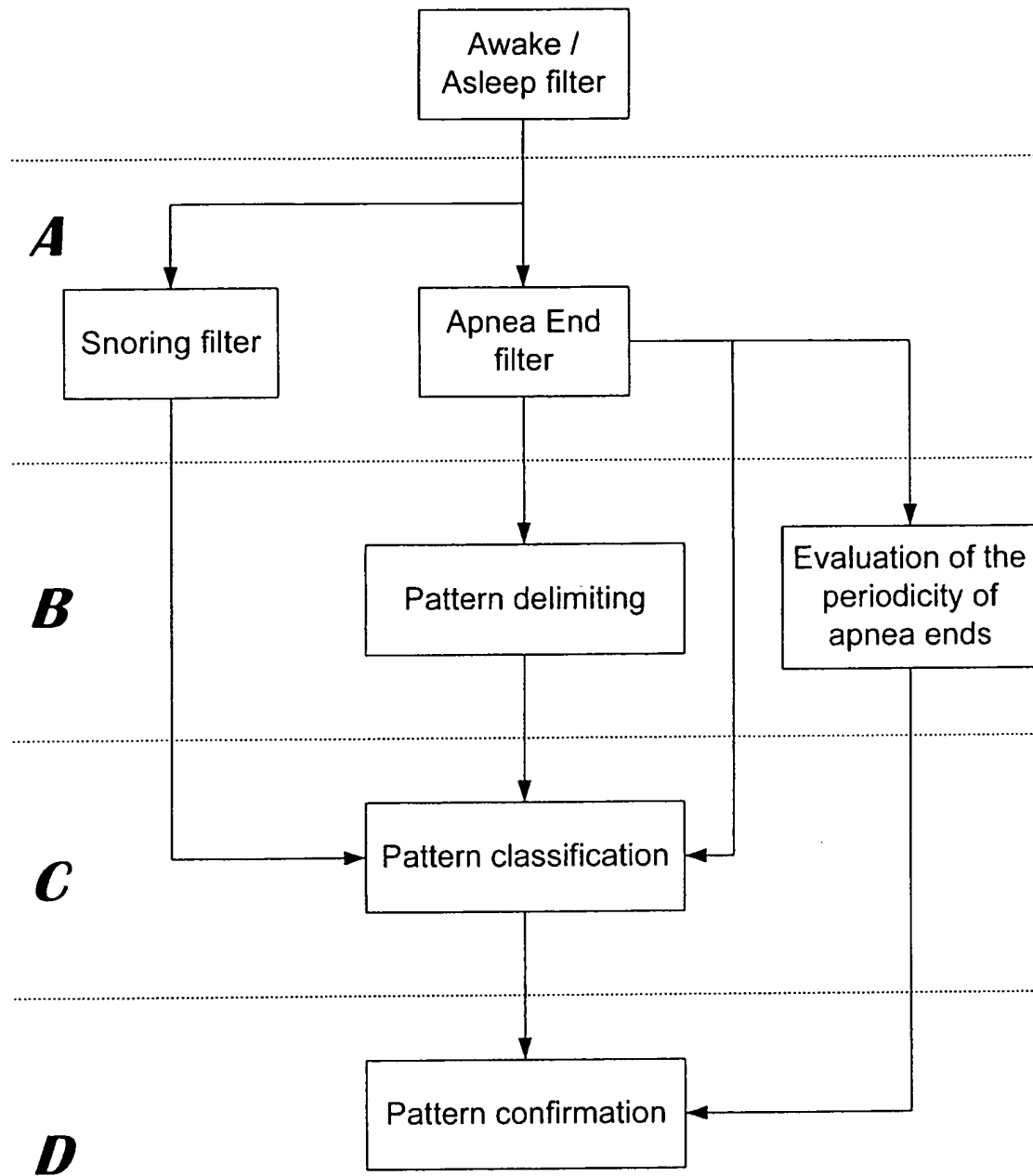
***Fig. 11***

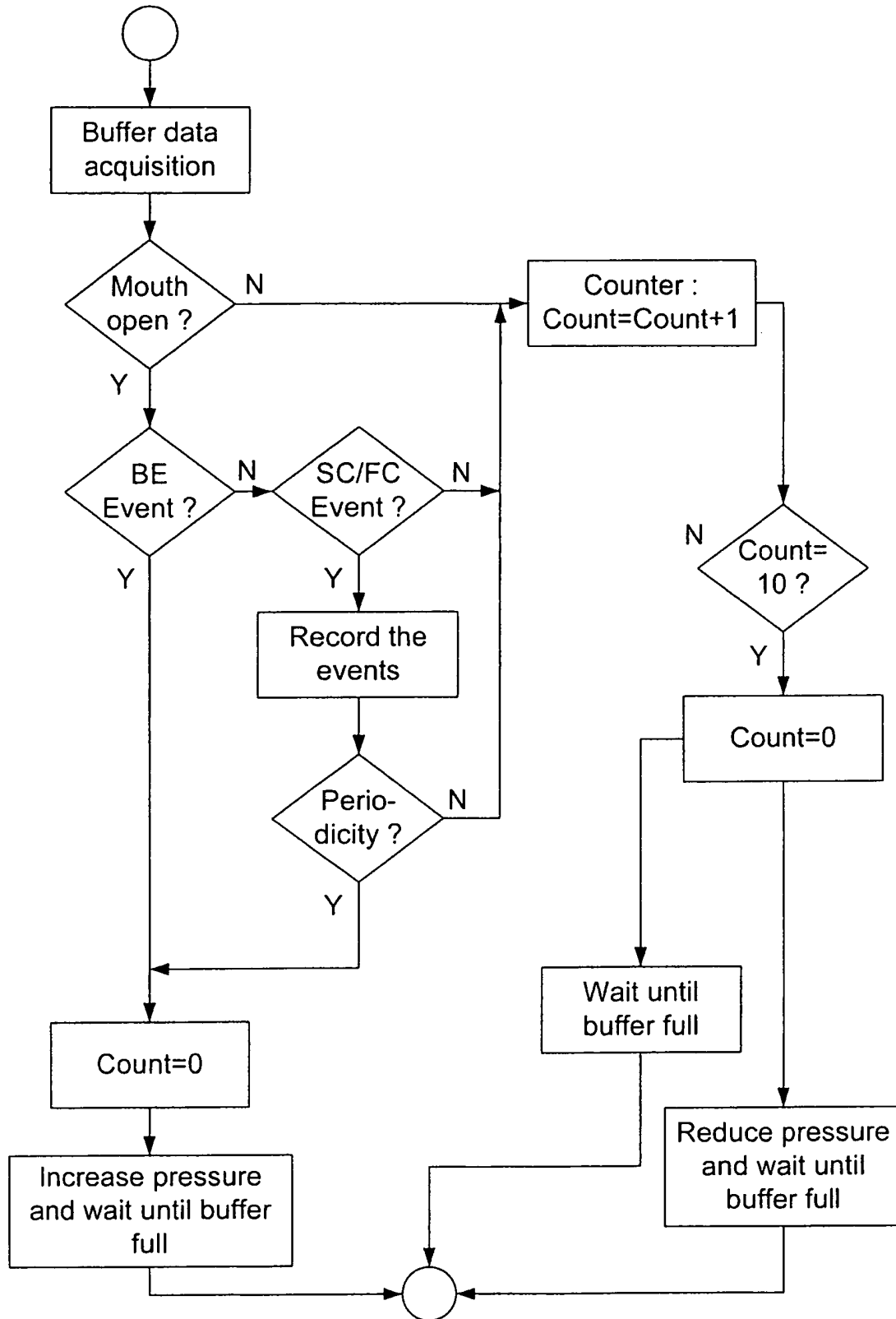


***Fig. 12***

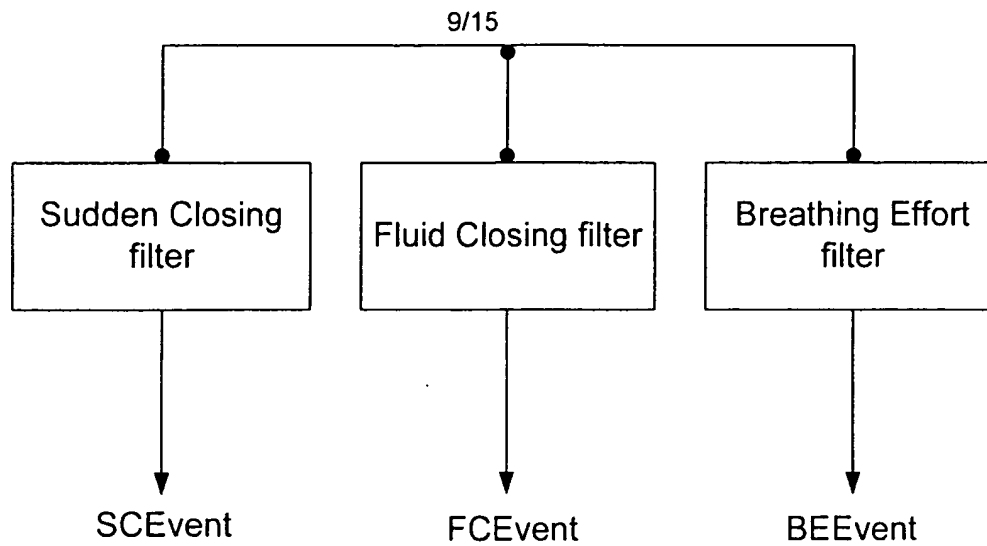


***Fig. 13***

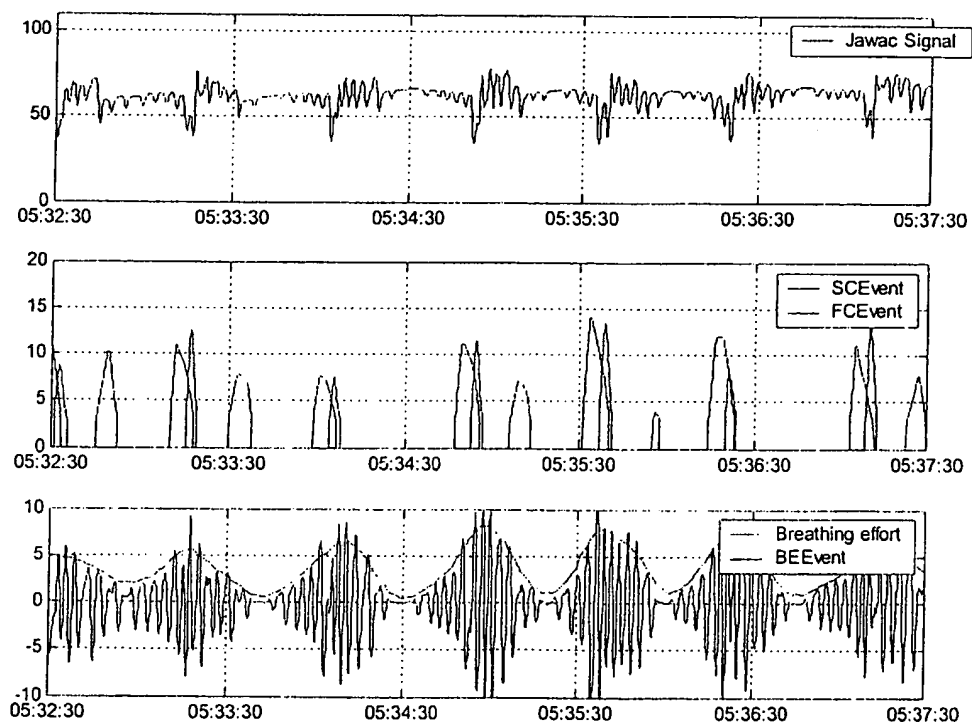
***Fig. 14 a***

**Fig. 14 b**



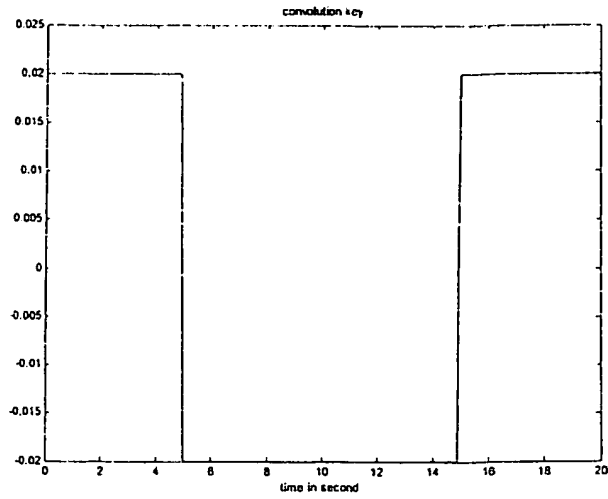


***Fig. 15***

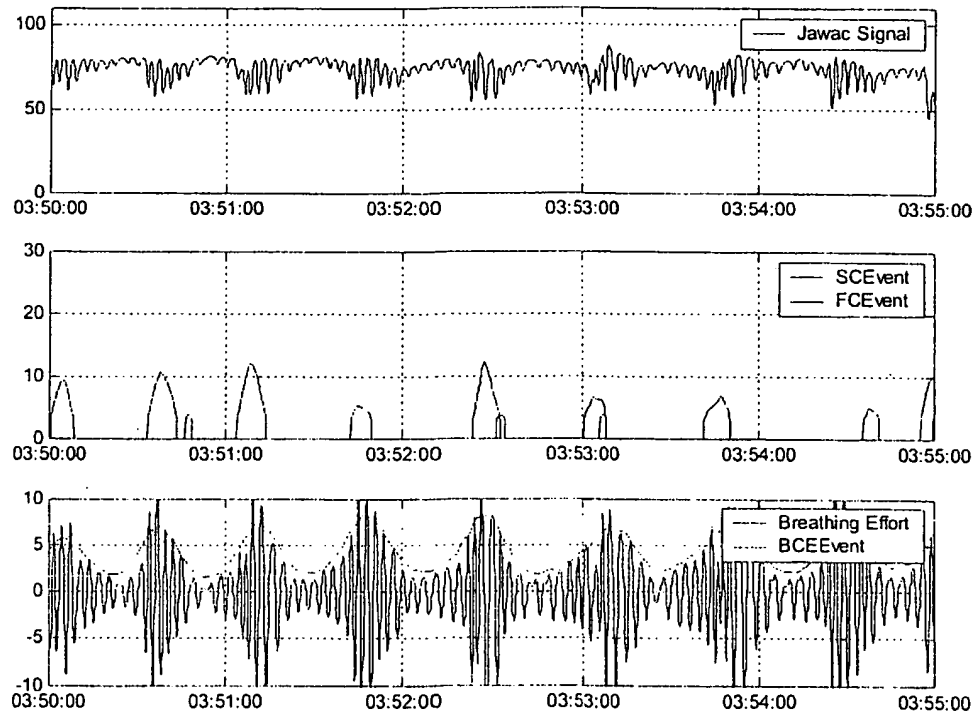


***Fig. 16***

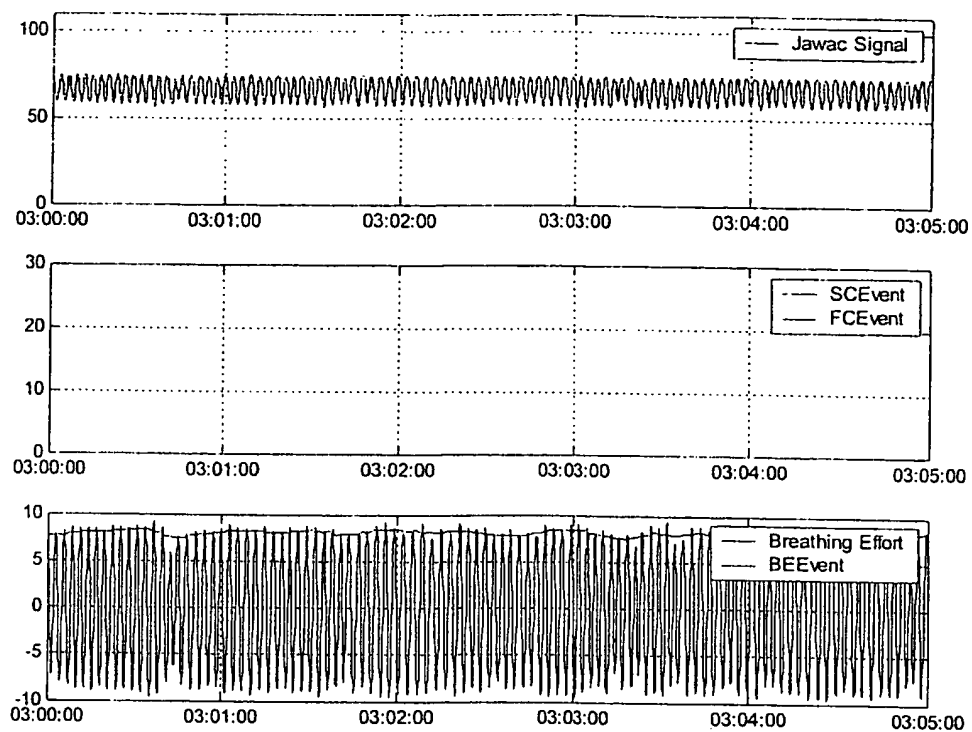
10/15



**Fig. 17**

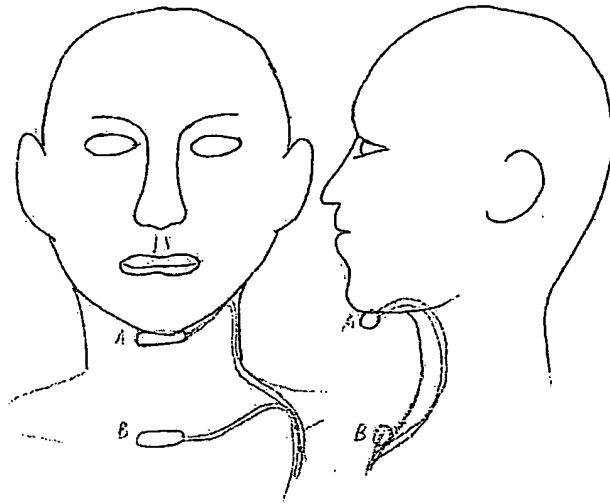


**Fig. 18**

***Fig. 19***

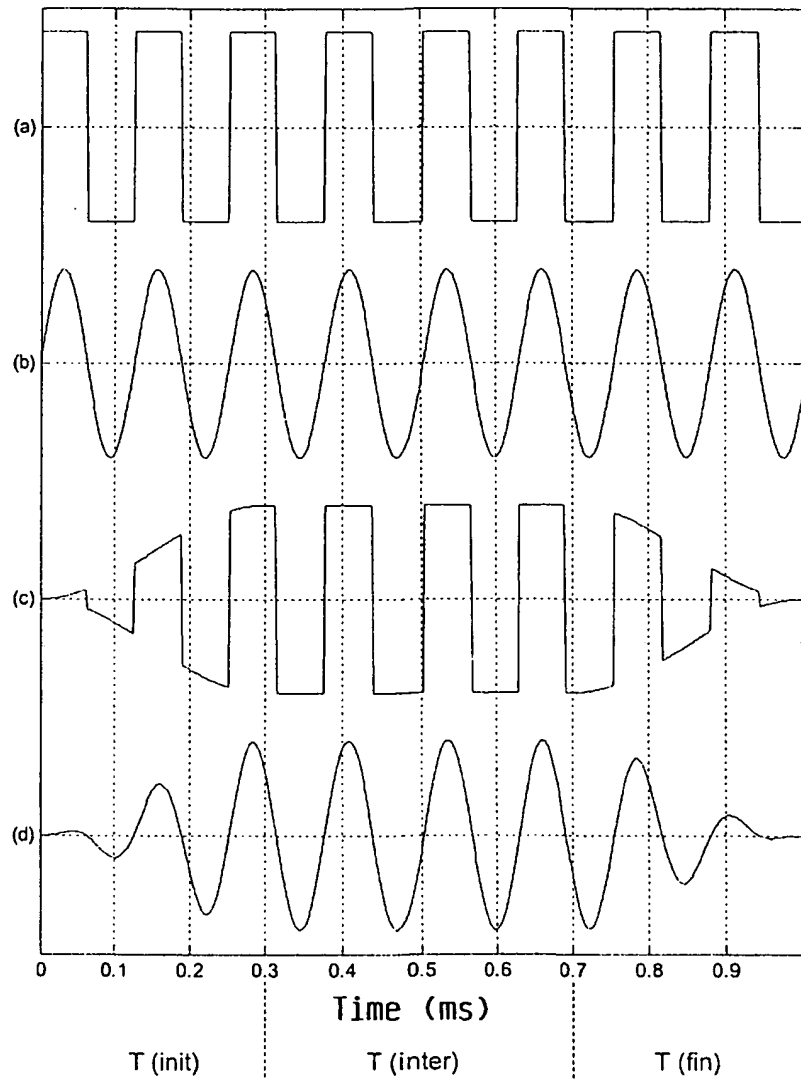
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Hypopnea	0	1	0	0
Obstructive apnea	1	0	0	0
Mixed apnea	1	0	1	0
Central apnea	0	0	1	0
UARS	1	0	0	1

***Fig. 20***

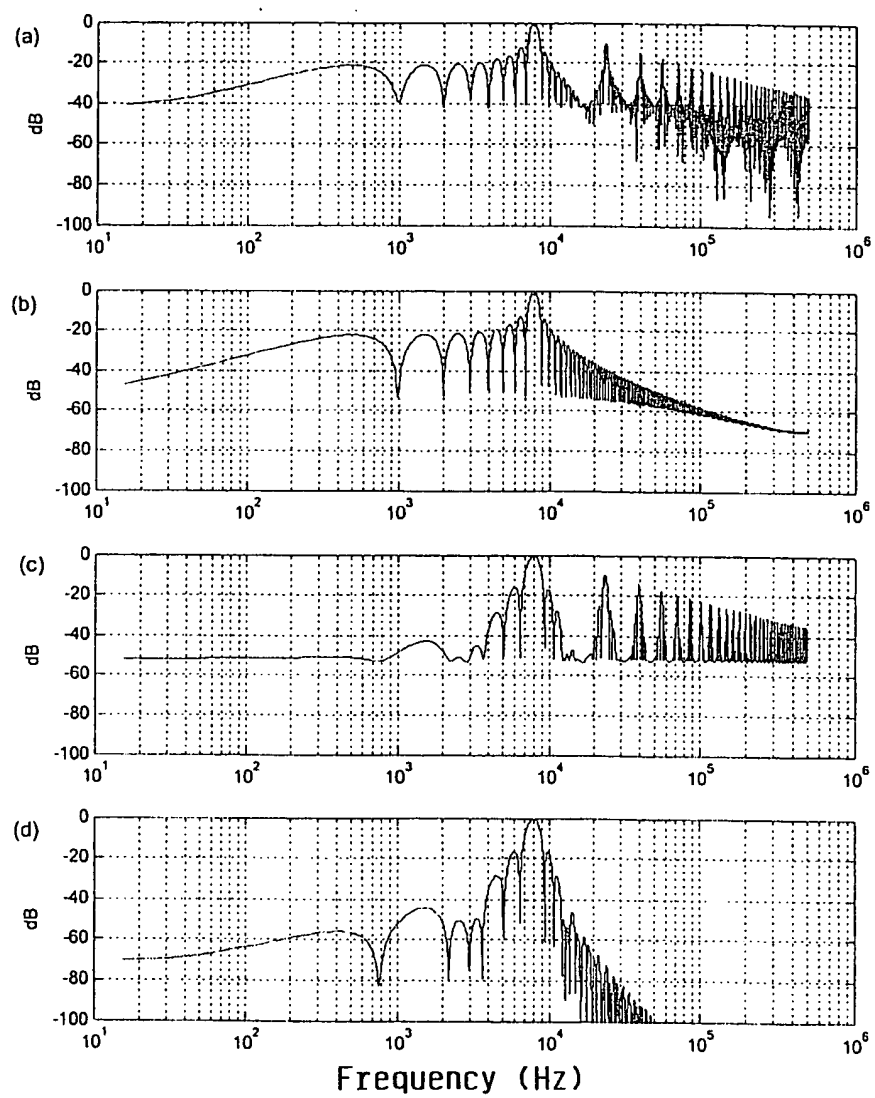


***Fig. 21***

## Form of the detection filters

***Fig. 22***

Amplitude spectrum of the equivalent receiving filters

***Fig. 23***

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